

METHOD AND APPARATUS FOR POSTING A COMPUTER HAVING MULTIPLE VIDEO ADAPTERS

Abstract Of The Invention

The computer system for operates a plurality of display devices 100 and 102.

Such a computer system has at least a first video adapter 203 with a first video BIOS and a second video adapter 207 with a second video BIOS. A system BIOS identifies one of the first and second video adapters 203, 207 as a primary video adapter and the other of the first and second video adapters 203, 207 as a secondary video adapter. During POST, the system BIOS stores the first video BIOS in a first memory area 210 in a system memory 212 of the computer. The system BIOS or Video BIOS then copies the first video BIOS to a second memory area 214 in the system memory 212 when the first video adapter 203 is the secondary video adapter. The system BIOS POSTs the second video BIOS when the second video adapter 207 is the primary video adapter, and stores the second video BIOS in the first memory area 210. This then causes the first video BIOS in the first memory area 210 to be overwritten by the second video BIOS. On loading a video driver for the first video adapter 203, the video driver copies the first video BIOS from the second memory area 214 to a third memory area 216 in the system memory 212.

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